

Kentucky
NEED Project



Putting Energy into
Kentucky Schools



The Kentucky NEED Project

National Energy Education Development Project
Putting ENERGY into EDUCATION!

- Not-for-profit education association
- Energy Curriculum for K-12
- Student Engagement
- Teacher Professional Development

NEED School Year

- Summer: National Energy Conference for Teachers
- Fall: Kentucky Energy Workshops for Teachers
- Fall – Winter: Classroom instruction using NEED energy curriculum
- Winter: Student energy education projects
- Spring: Kentucky Youth Awards Program
- Summer: National Youth Awards Program

Teacher Workshops

SCIENCE of Energy – SCIENCE of SAVING ENERGY



NEED Curriculum

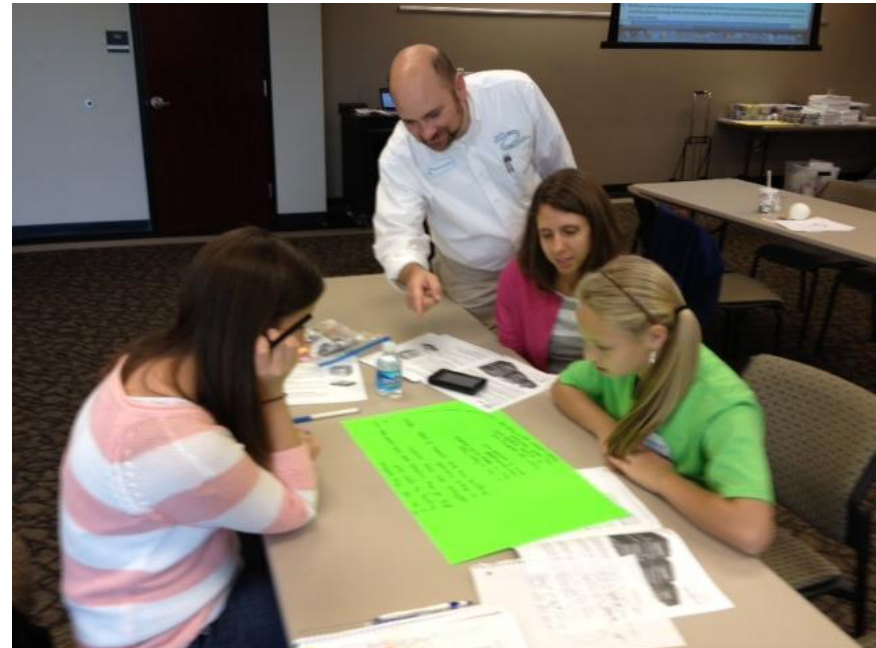


Interdisciplinary Approach to Teaching About ENERGY

- Science
- Math
- Social Studies
- Music and Drama

Curriculum guides for:

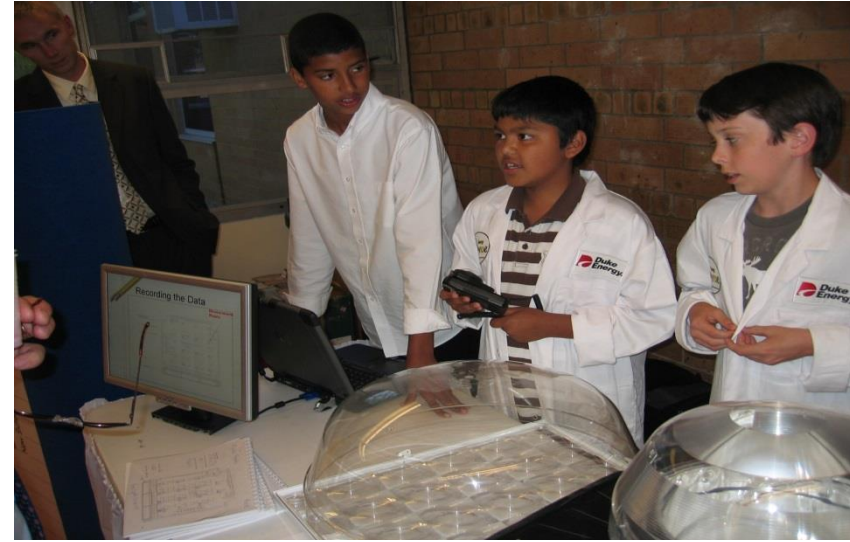
- Primary
- Elementary
- Intermediate
- Secondary



Learning then Leading



Students Educating the Community

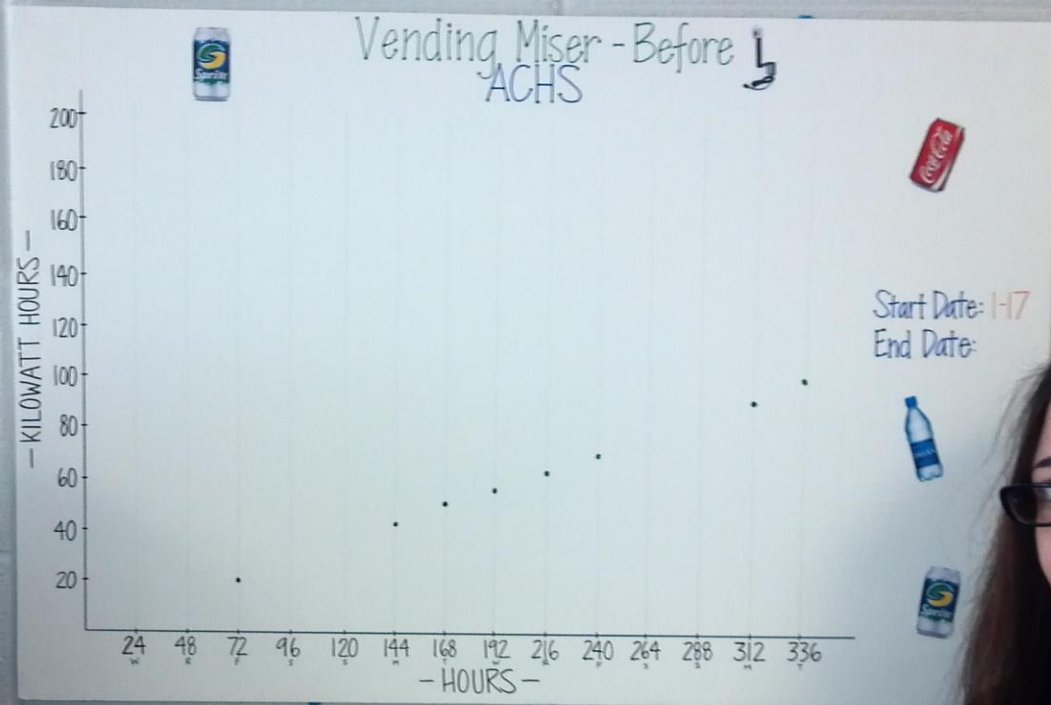


Kentucky NEED Youth Awards for Energy Achievement

Frankfort, Kentucky

Adair County High School Energy Technology Career Academy





Cane Run Elementary





Clinton County High School



Clinton County Middle School





Farnsley Middle School



Phillip A. Sharp Middle School



Kennedy Montessori Elementary



Kentucky School for the Deaf



Tichenor Middle School



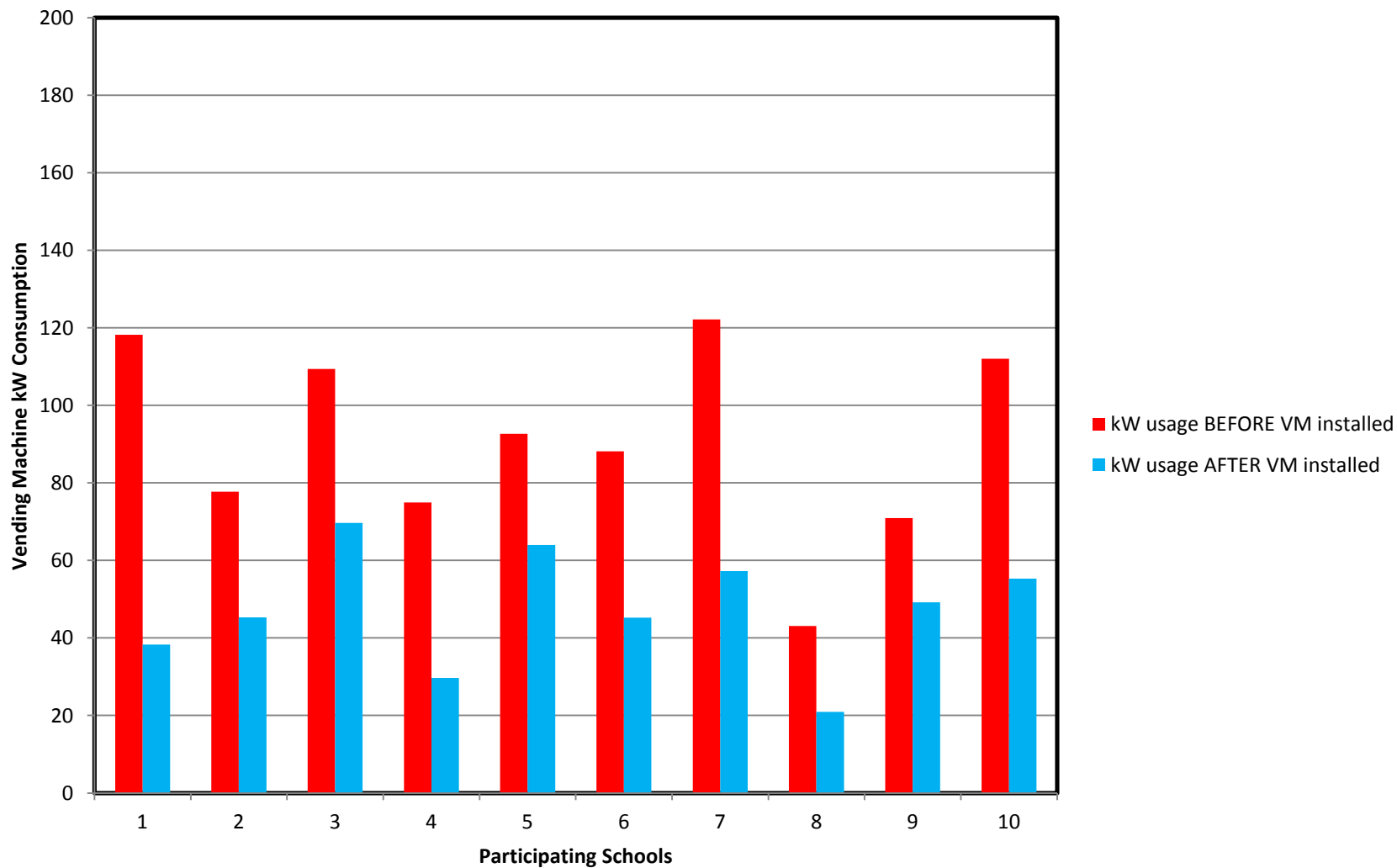


West Carter Middle School

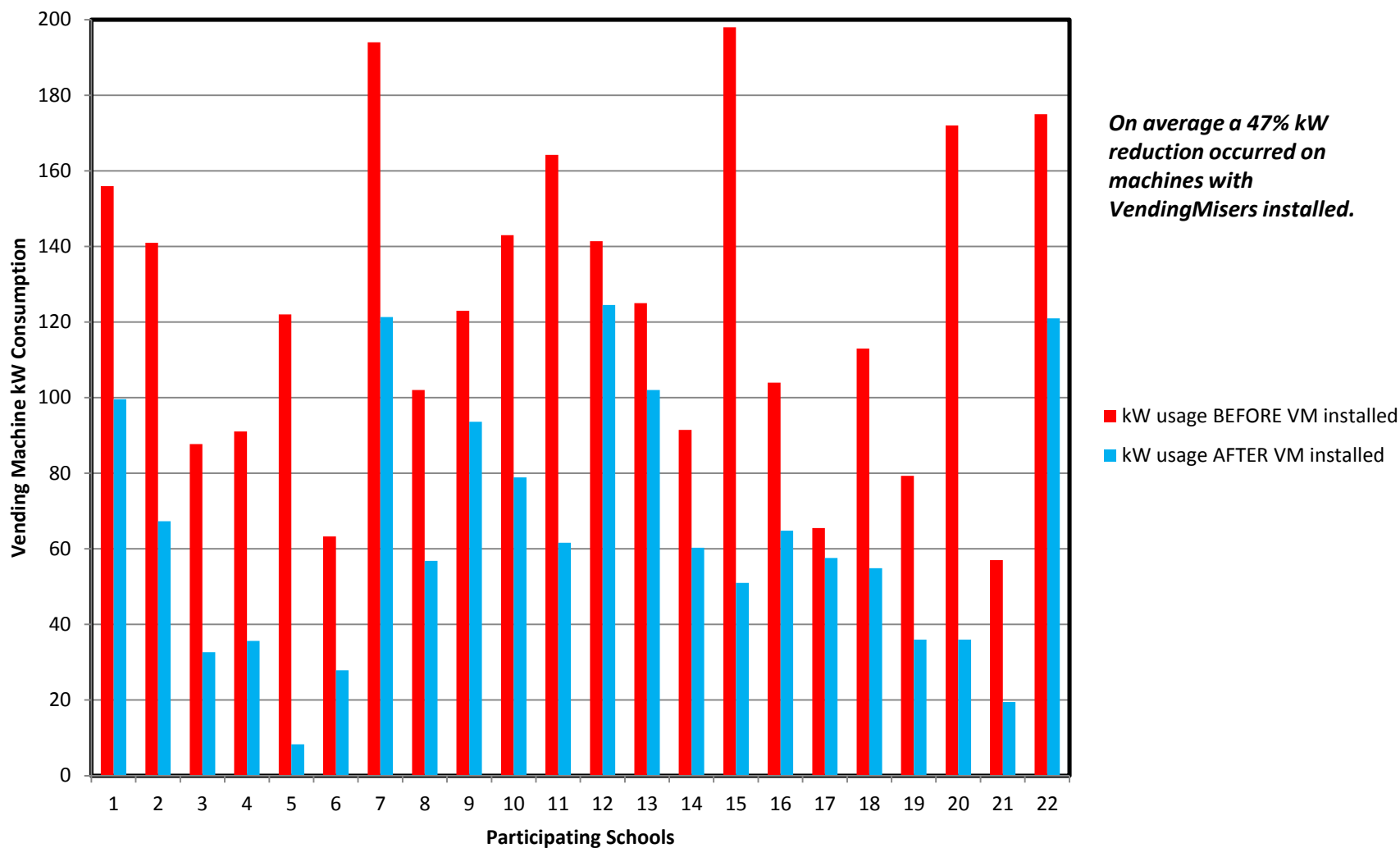




Kentucky NEED VendingMiser Results funded by Change the World Mini-Grants



Kentucky NEED VendingMiser Project Results, Project Partner - Sanders and Associates



Kentucky NEED Change the World, Start with ENERGY STAR

Mini-grant Project

YEAR	GREENHOUSE GAS REDUCTION	kWh REDUCTION
2009	38,663,398	23,240,625
2010	18,720,768	10,199,965
2011	1,804,271	1,017,549
2012	11,096	5,761
GRAND TOTAL	59,199,533	34,463,900

Participation by our Kentucky NEED students has kept our Kentucky program at the #1 spot for pledge drivers in the education sector since 2009!



NEED Year in Review

- 18 Workshops
- 519 Teachers attending
- 71 Teachers with embedded NEED program
- 164 Active student energy teams
- 711 NEED contacts in schools



Kentucky Green & Healthy Schools



Bringing energy
curriculum, teacher
training and student
leadership opportunities
to Kentucky schools.
www.need.org



Kentucky NEED is a program of the National Energy Education
Development Project.

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